

WHAT IS CLAIMED IS:

Sub A1
5 1. A liquid crystal display comprising:
a first and a second panels spaced apart from each other and having a first and a second electrode, respectively, separated from each other which generate electric field by applying voltage;
a liquid crystal layer interposed between the first and the second panels; and
a plurality of spacers dispersed in the liquid crystal layer,
wherein the spacers align liquid crystal molecules near the spacers in a substantially regular manner with respect to surfaces of the spacers.

2. The liquid crystal display of claim 1, wherein long axes of the liquid crystal molecules are aligned substantially parallel to the first and second panels.

Sub A2
3. The liquid crystal display of claim 2, further comprising a pair of polarizers attached to the outer surfaces of the first and the second panels, wherein polarizing directions of the polarizers are substantially perpendicular to each other.

4. The liquid crystal display of claim 3, wherein the spacers align the liquid crystal molecules near the spacers substantially parallel to surfaces of the spacers.

5. The liquid crystal display of claim 3, wherein the spacers align the liquid crystal molecules near the spacers substantially perpendicular to the surfaces of the spacers.

6. The liquid crystal display of claim 3, wherein some of the spacers align the liquid crystal molecules near the spacers substantially parallel to the surfaces of the spacers, and the remaining spacers align the liquid crystal molecules near the spacers substantially perpendicular to the surfaces of the spacers.

7. The liquid crystal display of claim 1, wherein the first panel has both the first and the second electrodes.

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B₁
add
C₁